

## ON MERIT FUNCTIONS FOR QUASIVARIATIONAL INEQUALITIES

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*Abstract.* It is well known that the quasivariational inequalities are equivalent to the fixed point problems. We use this equivalent alternative formulation to construct some merit functions for quasivariational inequalities and obtain error bounds under some conditions. Since quasivariational inequalities include the classical variational inequalities and the complementarity problems as special cases, our results continue to hold for these problems.

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